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Docket No. 5058-105 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 8, 2009.

  
Cynthia Soumeff

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	Customer No.: 26817
PALEOS, Constantinos et al.	:	
	:	Group Art Unit: 1797
U.S. Application No. 10/542,665	:	
	:	Examiner: SAVAGE, Mathew O.
Filed: January 13, 2006	:	
	:	
Title: MODIFIED LIPOPHILIC POLYMERS	:	Confirmation No. 5824
FOR THE PURIFICATION OF WATER	:	
	:	
	:	X

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In an Office Action dated April 8, 2009, the Examiner required restriction to one of the following groups:

- I. Claims 13-21, drawn to a method of encapsulating pollutants.
- II. Claim 22, drawn to a method of preparation of modified symmetric dendrimeric polymers and modified non-symmetric hyperbranched polymers.

Applicants herein elect with traverse Group I, claims 13-21, drawn to methods of encapsulating pollutants, for prosecution in this application. Applicants submit that the claims have a novel shared technical feature. To wit, the claims share the novel technical feature of a nanocavity that is used to encapsulate pollutants.

Further, the Examiner has required two species choices to be made which are choices between:

two species of polymers: 1) dendrimeric polymers having symmetrical chemical structure; and 2) non-symmetric hyperbranched polymers; and

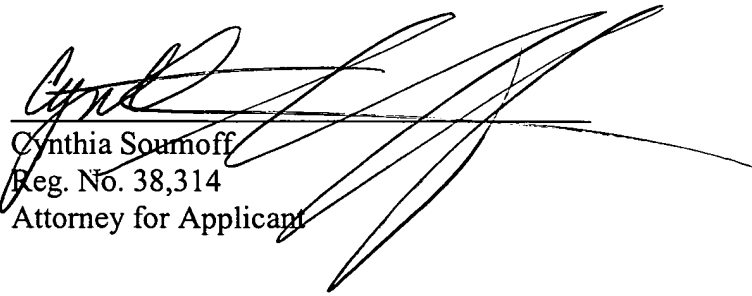
two species of polymer forms including: 1) powder and 2) thin film.

Applicant chooses, with traverse, the non-symmetric hyperbranched polymers in powder form. Applicant respectfully requests the right to file a divisional application directed to the unelected claims.

A prompt action on the merits is earnestly solicited. The Examiner is invited to telephone the undersigned should he believe this would expedite prosecution of this application. It is believed no fee is required. The Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 13-2165.

Respectfully submitted,

Dated: May 8, 2009

  
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